

U.S. EPA Region 9 Air Enforcement System Document Filer

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Updated:06/02/2004

Facility: PECHINEY CAST PLATE INC

State/Local Control Agency : SOUTH COAST AQMD

Facility Address : 3200 FRUITLAND AVE

City, State, ZIP: VERNON, 90058

County: LOS ANGELES (S. COAST) Compliance Number : 0603700016

State Code: 06 County Code: 037 Class Size: Major

*Document Type : Inspection

Air Compliance Inspection Report

Pictures are at:

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Inspected Facility:

Pechiney Cast Plate, Inc.

3200 Fruitland Ave.

Vernon, CA 90058

323-584-1900

Inspection Date:

May 6, 2004

Inspectors:

John Brock and Dinesh Senghani, US EPA Region 9

Aileen Santos and Erwin Dela Cruz, SCAQMD

Facility Representative :

George Walrath, Mechanical Engineer (The Environmental contact, Earl Clinkenbeard, was out of town)

Obie Greer, Casting Group Leader

I. Introduction

The purpose of the inspection was to determine compliance with the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Secondary Aluminum Production (40 CFR 63 Subpart RRR).

This sector was chosen by EPA Region 9 for our air toxics enforcement focus in FY04. Research showed that the majority of these facilities in Region 9 were in the South Coast Air Quality Management District (SCAQMD), so our inspections efforts were focused there.

We coordinated with SCAQMD management to arrange for their inspectors to join us. Ms. Santos and Mr. Dela Cruz represented SCAQMD on this inspection.

II. Narrative

We performed an unannounced inspection at the site at approximately 12:30 PM.

We met with Mr. Walrath and explained the purpose of our inspection. He explained that Mr. Clinkerbeard was responsible for compliance with the NESHAPs, but would give us a tour and answer any questions he could. Permission to take photos was granted.

They receive scrap from various industries and charge it into one of three furnaces. The scrap is inspected for paint, oil, water dirt and plastics; it is rejected if contaminated. The scrap is melted in the reverberatory furnaces. Reactive fluxing is performed with an in-line fluxer. No controls are on these processes. Melted aluminum is transferred to the plate casting area via portable vats. Mr. Greer said chlorine gas and argon is bubbled into the vats with a pipe and hose. Plates are cast from the furnaces, and are machined to make them dimensionally stable. Any scrap generated from machining is run back around to be remelted in the chip vortex of furnace #5. This scrap is contaminated with cutting fluid. The sidewall containing the vortex is the only process controlled by a diatomaceous earth-coated baghouse. Salt flux is added to this chip furnace. There is no demagging, chip drying, or shredding.

Dross is shipped to Imsamet in Arizona.

III. Records Review

An MSDS was obtained for the flux, which contains magnesium chloride, and is therefore reactive.

IV. Findings

The equipment at this site is subject to the Secondary Aluminum NESHAP.

IV. Conclusions

Additional information is required to determine their compliance status. A 114 letter will be sent to obtain this information.

Last Known Fields as in AES

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